

Message

**From:** Goodis, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=50ED0B92DC4945B7A808FE8DBC9224F0-MICHAEL GOODIS]  
**Sent:** 3/3/2021 6:40:35 PM  
**To:** Ozmen, Shamus [Ozmen.Shamus@epa.gov]; Messina, Edward [Messina.Edward@epa.gov]; Layne, Arnold [Layne.Arnold@epa.gov]  
**CC:** Siedschlag, Gregory [Siedschlag.Gregory@epa.gov]; Dinkins, Darlene [Dinkins.Darlene@epa.gov]; Lara, Rhina [Lara.Rhina@epa.gov]  
**Subject:** RE: OPP IO Review: E & E reporters, PFAS Follow Up

OK – thanks Shamus

Michael L. Goodis, P.E.  
Acting Deputy Director for Programs  
Office of Pesticide Programs  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.  
571-309-5497 (cell)

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**From:** Ozmen, Shamus <Ozmen.Shamus@epa.gov>  
**Sent:** Wednesday, March 03, 2021 1:32 PM  
**To:** Goodis, Michael <Goodis.Michael@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>  
**Cc:** Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>  
**Subject:** RE: OPP IO Review: E & E reporters, PFAS Follow Up

Hi Mike – Thanks for the review. We’ve updated the responses. Let me know if there is anything else to address.

**6. *Can we assume from this that EPA will be sharing with us the actual levels found of the PFAS listed below?***

Yes, EPA’s testing data will provide actual levels of PFAS from rinsate off of the fluorinated containers. In addition, EPA will also release data from the non-fluorinated containers for comparison.

**7. *Were these tests of barrels sourced from the barrel manufacturer, or the pesticide manufacturer?***

The data included in the report represent results from testing the following HDPE container samples submitted by the producer of the pesticide product. Ex. 5 Deliberative Process (DP)

**8. *How many types of PFAS did EPA test the barrels for?***

EPA tested for 26 PFAS (C4-C18).

**9. *We noticed that EPA found PFOA in the barrels, despite PFOA being phased out years ago. Does EPA have any indication of how PFOA, specifically, got in there? Could it possibly be an issue of legacy contamination of manufacturing equipment?***

Through testing, EPA has confirmed that PFOA is one of the PFAS created as a result of the fluorination process. Ex. 6 Deliberative Process (DP)

**10. *Does EPA have plans to test any HDPE barrels made by other manufacturers or used by other pesticides products?***

Yes, EPA is planning further testing of fluorinated HDPE barrels from other manufacturers sourced from the open market.

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**From:** Goodis, Michael <Goodis.Michael@epa.gov>

**Sent:** Tuesday, March 2, 2021 8:49 PM

**To:** Messina, Edward <Messina.Edward@epa.gov>; Ozmen, Shamus <Ozmen.Shamus@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>

**Cc:** Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>

**Subject:** RE: OPP IO Review: E & E reporters, PFAS Follow Up

Some comments below – let me know if you have questions.

Michael L. Goodis, P.E.  
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**From:** Messina, Edward <Messina.Edward@epa.gov>

**Sent:** Tuesday, March 02, 2021 6:34 PM

**To:** Ozmen, Shamus <Ozmen.Shamus@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>

**Cc:** Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>

**Subject:** RE: OPP IO Review: E & E reporters, PFAS Follow Up

Looks good.

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**From:** Ozmen, Shamus <Ozmen.Shamus@epa.gov>

**Sent:** Tuesday, March 2, 2021 12:45 PM

**To:** Messina, Edward <Messina.Edward@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>

**Cc:** Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>

**Subject:** OPP IO Review: E & E reporters, PFAS Follow Up

Hi – OPA has asked that the E & E reports hold on their article (see previous inquiry) until after the announcement. In the meantime, we have a second set of questions. For your review below are the responses.

**Follow-up questions:**

6. *Can we assume from this that EPA will be sharing with us the actual levels found of the PFAS listed below?*

## Ex. 5 Deliberative Process (DP)

7. *Were these tests of barrels sourced from the barrel manufacturer, or the pesticide manufacturer?*

## Ex. 5 Deliberative Process (DP)

8. *How many types of PFAS did EPA test the barrels for?*

### Ex. 5 Deliberative Process (DP)

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### Ex. 5 Deliberative Process (DP)

10. *Does EPA have plans to test any HDPE barrels made by other manufacturers or used by other pesticides products?*

## Ex. 5 Deliberative Process (DP)

Thank you,

Shamus Ozmen  
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U.S. Environmental Protection Agency  
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